



# BULMECTIN 0.2% premix

## COMPOSITION

**Abamectin - 0.2 g.**

**Excipients up to 100.0 g.**

## PHARMACOLOGICAL ACTION

Abamectin is endectocide (acting against endo- and ectoparasites); it causes paralysis of the nematodes and the arthropods (insects and acarids) by suppressing the transmission of nervous impulses in the interneuron synapses of nematodes as well as in the neuromuscular synapses of arthropods. This is realized by stimulating the release of gamma-aminobutyric acid (GABA) from presynaptic nerve endings which increases its binding to the postsynaptic receptors. It is well tolerated by mammals as GABA is localized in the central nervous system where abamectin does not penetrate. It is harmless to the pregnant animals.

## INDICATIONS

For treatment of gastrointestinal and pulmonary nematodiasis (ostertagiasis, hemonchosis, trichostrongylosis, cooperiasis, parafilariasis, oesophagostomosis, bunostomiasis, nematodiriasis, dictyocaulosis), as well as in case of invasion with pasture ticks, lice, psoroptic and sarcoptic mange and hypodermiasis in large ruminants; for treatment of gastrointestinal and pulmonary nematodiasis (hemonchosis, ostertagiasis, trichostrongylosis, cooperiasis, oesophagostomosis, nematodiriasis, strongyloidiasis, chabertiosis, trichuriasis, gaigieriasis, and in case of invasions with pasture ticks, melophagosis and oestrosis in small ruminants; for treatment of nematodiasis (strongyloidosis, parascaridosis, trichostrongylosis, microfilariasis) and gasterophilosis in horses; for treatment of nematodiasis (ascariasis, strongyloidiasis, oesophagostomosis) as well as in case of invasions with lice and sarcoptic mange in pigs.

## CONTRAINDICATIONS

The preparation must not be applied to other animals than the above mentioned. Do not apply during lactating period. Ions with lice and sarcoptic mange in pigs.

## MODE OF ADMINISTRATION (Rp)

### Orally.

The prescribed dose is homogeneously mixed with 1/2 - 1/3 of the portion of feed for one feeding of the respective animal species.

### WARNING

When handling the preparation use individual safety devices such as gloves and breathing mask.

### DOSAGE

**Average dose** with respect to pure substance:

**0.0002 g (= 200 g) per 1 kg b.w.** (with some exclusions for pigs and sheep).

### Doses of the preparation:

For **large, small ruminants and horses** - 1.0 g per 10 kg b.w.

For **sheep** (in case of scab) - 2.0 g of the preparation per 10 kg b.w. [0.0004 g (= 400 g of the pure substance) per 1 kg b.w.];

For **pigs** - 1.5 g of the preparation per 10 kg b.w. [0.0003 g (= 300 g of the pure substance) per 1].

### WITHDRAWAL PERIOD

#### For meat:

**Large and small ruminants** - 21 days after the last administration of the preparation.

**Pigs** - 14 days after the last administration of the preparation.

#### For milk:

**Large and small ruminants** - 14 days after the last administration of the preparation.

### STORAGE

In the original container, well closed, in dry and well-ventilated facilities, protected from direct sunlight at temperature between 15 and 25°C.

### SHELF LIFE

Two (2) years from the date of manufacture.

### PACKING

Plastic bottles of 10 g and 150 g; bags of 25 kg.

